

REMARKS

1. Status of the Claims:

Claims 1-39 were originally filed in the co-pending parent application.

Claims 1-19, 21, 22 and 27-39 are canceled herein without prejudice and without disclaimer as being drawn to non-elected inventions.

Claims 20-26 (in part), the Group VIII claims, are elected herein for prosecution in this divisional application.

Claims 20 and 23 have been amended herein.

Claims 40-52 have been added herein.

Claims 20, 23-26, and 40-52 are presently pending in the case.

2. Amendments to the Specification:

2.1 The title has been amended.

Applicant has retitled the application to more distinctly point out the subject matter of the Group VIII claims.

2.2 A copy of the Substitute Sequence Listing filed in the co-pending parent case has been provided.

For the convenience of the Examiner, and in accordance with 37 C.F.R. §1.825, Applicant concurrently submits the substitute Sequence Listing filed on February 11, 2003 in the co-pending case, 09/730,212, in computer-readable and paper forms identifying the sequences in the instant application. The substitute Sequence Listing was necessary to incorporate into the listing those sequences shown on pages 50 and 51 as

originally filed in the co-pending parent case, and contains SEQ ID NO:1 through SEQ ID NO:13. Applicants respectfully request that the substitute Sequence Listing submitted herewith replace the substitute Sequence Listing submitted July 26, 2001 in the parent case, the former containing SEQ ID NO:1 through SEQ ID NO:10.

2.3 The specification has been amended to delete hyperlinks, to add missing SEQ ID NOs, and to correct errors in typography, spelling, grammar, and punctuation that appeared in the co-pending parent application. Amendments to the specification are shown in the accompanying amended paragraphs. No new matter has been added.

The herein described amendments to pages 2, 50 and 51 were entered in the parent case in response to the Examiner's instruction in an Office Action mailed November 12, 2002.

The herein described amendment to page 17 was made in a Preliminary Amendment filed in the parent case on December 19, 2000, to record the serial number and date of a biological deposit made on November 30, 2000.

The herein described amendments on page 15 to the legends of FIGS. 7 and 8 are to correct an inadvertent error in the order of the information presented in the figure legends in the parent case.

Conclusion

The currently pending claims are supported throughout the specification and are patentable over the prior art. No new matter has been added. The Examiner is cordially invited to call the undersigned if clarification is needed on any matter within this

Amendment, or if the Examiner believes a telephone interview would expedite the prosecution of the subject application to completion.

Respectfully submitted,

AKERMAN SENTERFITT

Dated: January 13, 2004



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Docket No. 6818-14-1DIV